

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
 Data File : BG016914.D
 Acq On : 7 May 2015 9:39
 Operator : TP/IZ
 Sample : G2044-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-48D

Quant Time: May 07 16:16:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

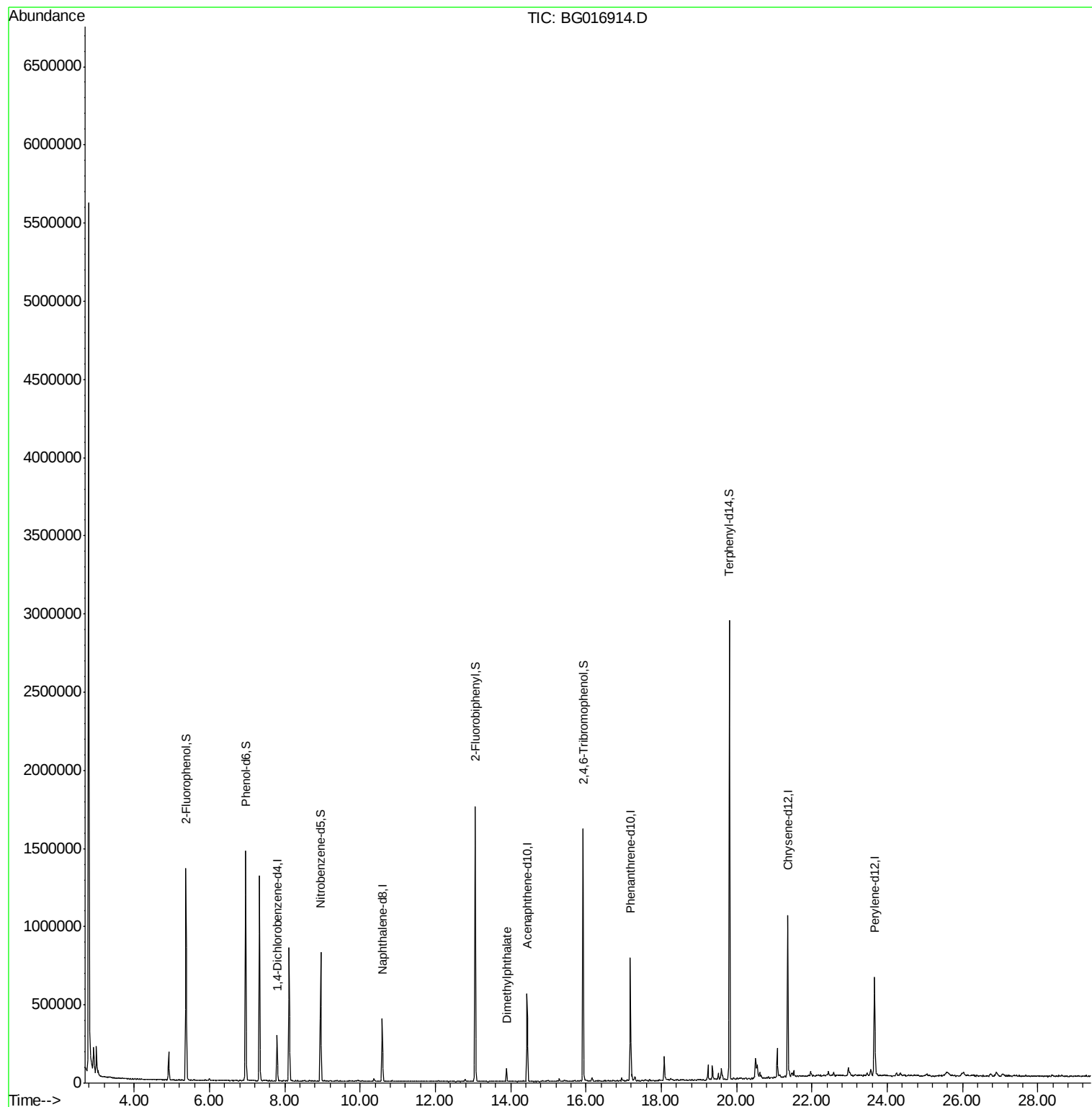
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	67362	20.00	ng	-0.01
21) Naphthalene-d8	10.59	136	290921	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	184925	20.00	ng	-0.01
63) Phenanthrene-d10	17.18	188	432721	20.00	ng	0.00
75) Chrysene-d12	21.36	240	437057	20.00	ng	0.00
86) Perylene-d12	23.66	264	422644	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	500037	129.25	ng	0.00
7) Phenol-d6	6.96	99	683440	123.65	ng	0.00
23) Nitrobenzene-d5	8.95	82	427258	71.75	ng	-0.01
41) 2,4,6-Tribromophenol	15.93	330	226763	122.15	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	769714	62.81	ng	-0.01
78) Terphenyl-d14	19.81	244	1134359	60.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.89	163	45349	3.28	ng	Qvalue # 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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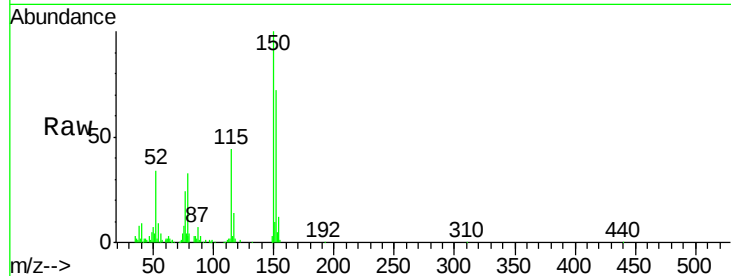


#1

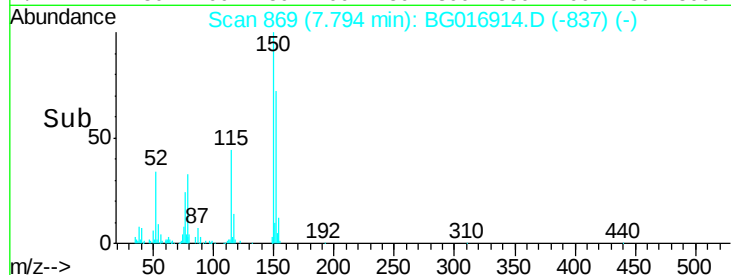
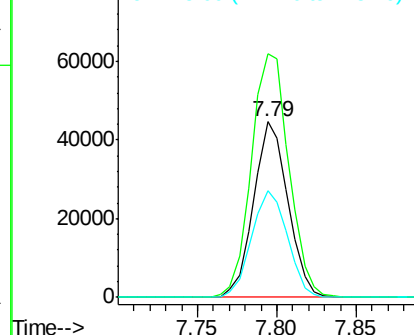
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG016914.D
Acq: 7 May 2015 9:39

Instrument :
BNA_G
ClientSampleId :
SB-48D

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.7	121.0	181.4
115	60.8	50.5	75.7



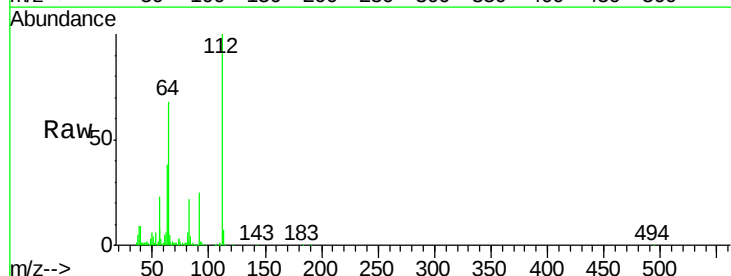
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



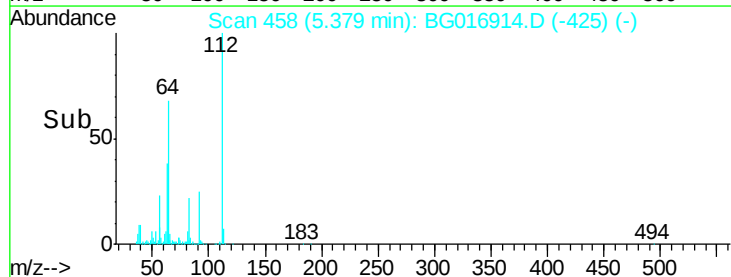
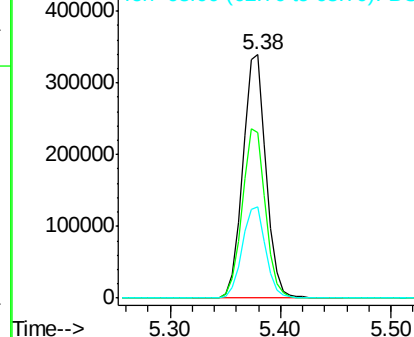
#5

2-Fluorophenol
Concen: 129.25 ng
RT: 5.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: BG016914.D
Acq: 7 May 2015 9:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	51.4	77.2
63	37.6	28.1	42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 123.65 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016914.D

Acq: 7 May 2015 9:39

Instrument :

BNA_G

ClientSampled :

SB-48D

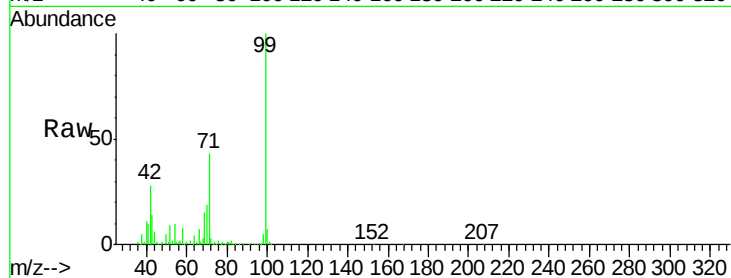
Tot Ion: 99 Resp: 683440

Ion Ratio Lower Upper

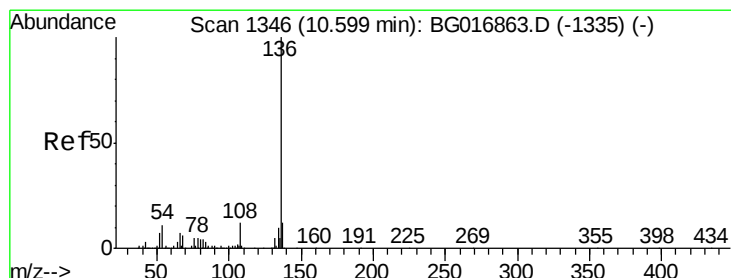
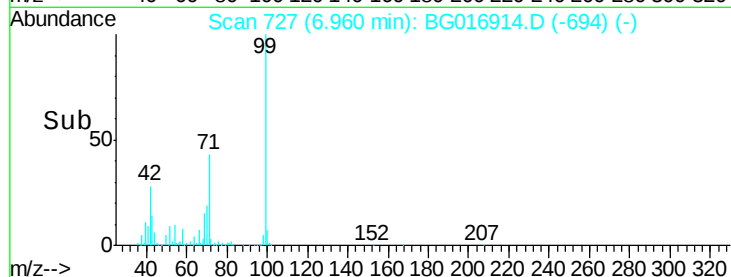
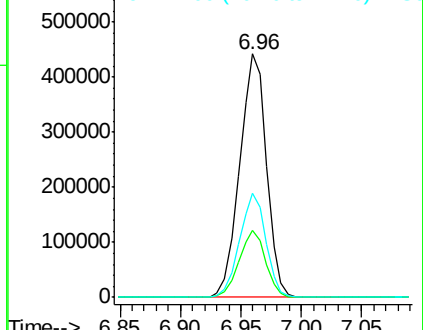
99 100

42 27.6 22.1 33.1

71 42.6 33.4 50.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.59 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BG016914.D

Acq: 7 May 2015 9:39

Tgt Ion: 136 Resp: 290921

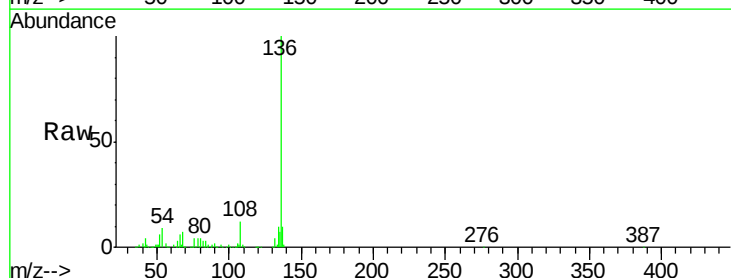
Ion Ratio Lower Upper

136 100

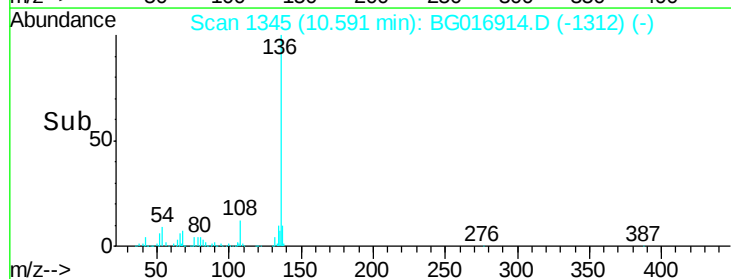
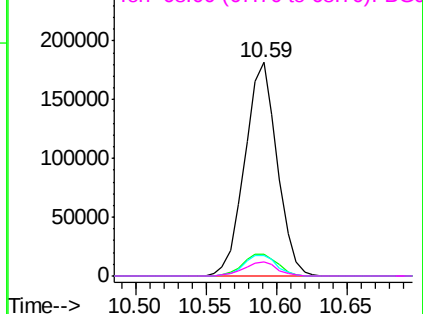
137 9.9 9.8 14.8

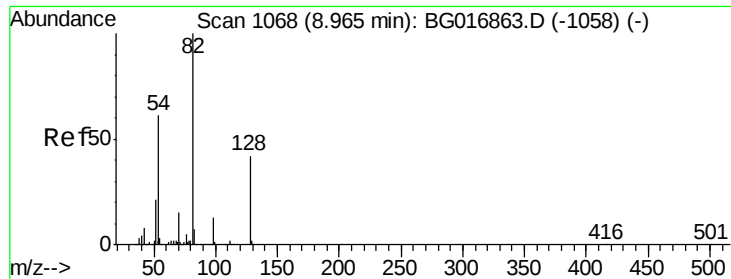
54 9.4 8.7 13.1

68 6.6 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

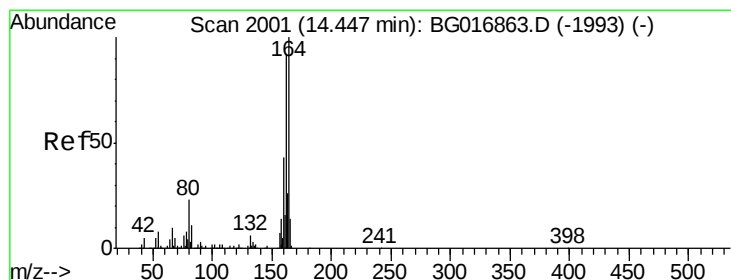
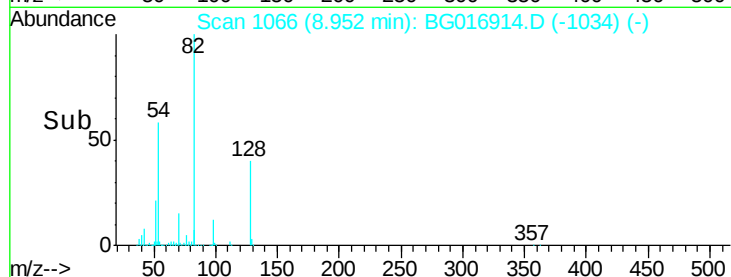
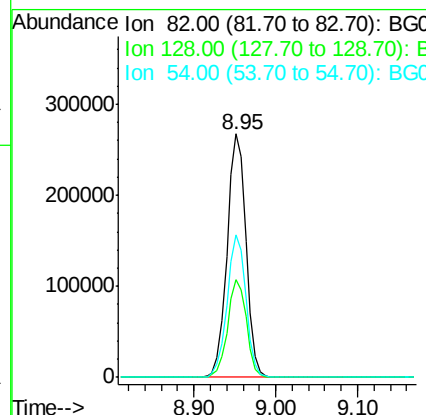
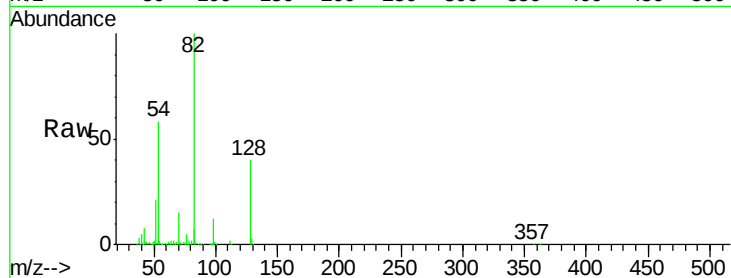




#23
 Nitrobenzene-d5
 Concen: 71.75 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG016914.D
 Acq: 7 May 2015 9:39

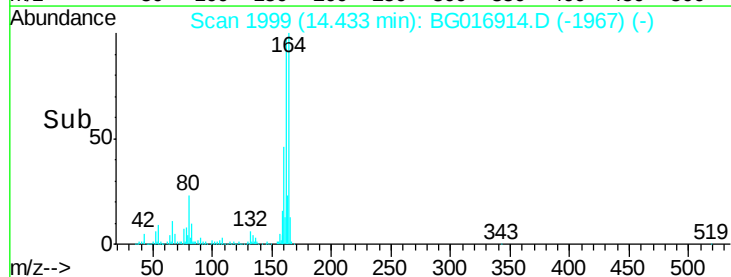
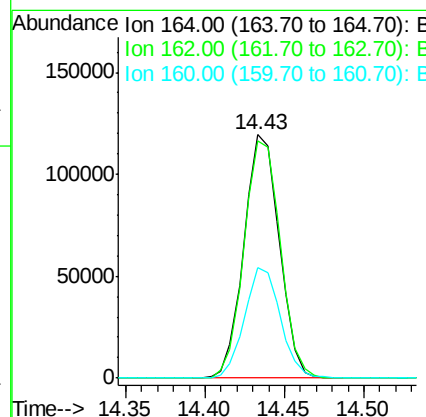
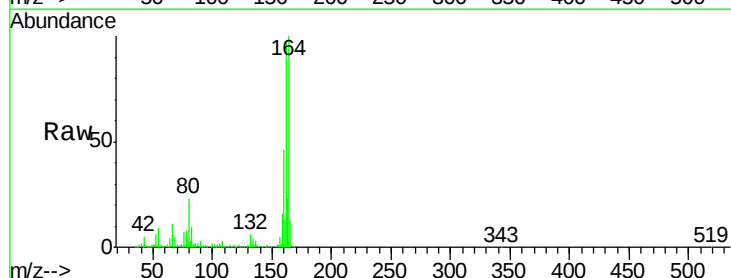
Instrument :
 BNA_G
 ClientSampleId :
 SB-48D

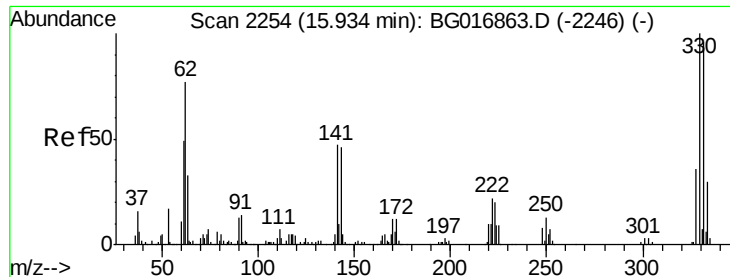
Tot Ion	82	Resp	427258
Ion Ratio	Lower	Upper	
82	100		
128	40.1	33.2	49.8
54	58.4	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BG016914.D
 Acq: 7 May 2015 9:39

Tgt Ion	164	Resp	184925
Ion Ratio	Lower	Upper	
164	100		
162	97.4	74.0	111.0
160	45.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 122.15 ng

RT: 15.93 min Scan# 2253

Delta R.T. -0.01 min

Lab File: BG016914.D

Acq: 7 May 2015 9:39

Instrument :

BNA_G

ClientSampleId :

SB-48D

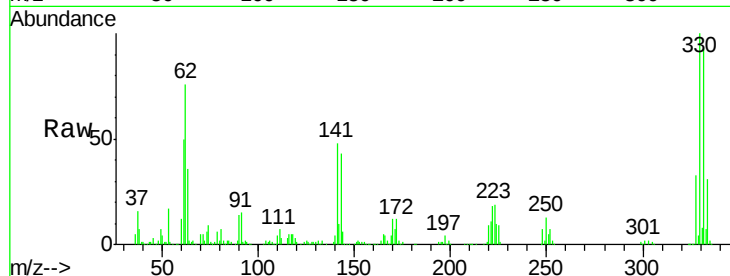
Tot Ion:330 Resp: 226763

Ion Ratio Lower Upper

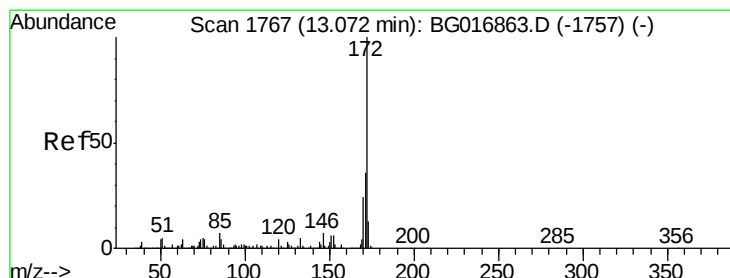
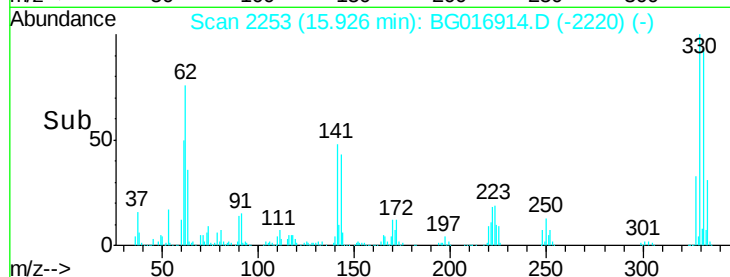
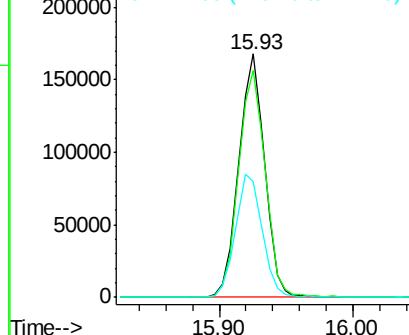
330 100

332 96.0 0.0 0.0#

141 52.7 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 62.81 ng

RT: 13.06 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BG016914.D

Acq: 7 May 2015 9:39

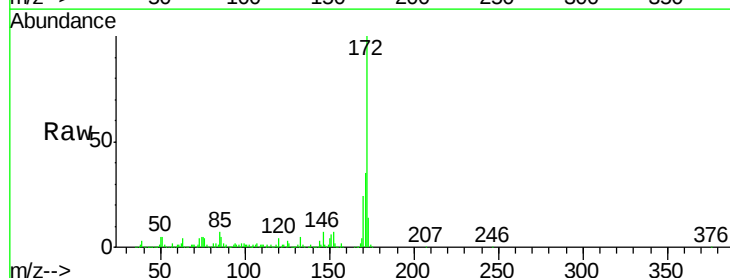
Tgt Ion:172 Resp: 769714

Ion Ratio Lower Upper

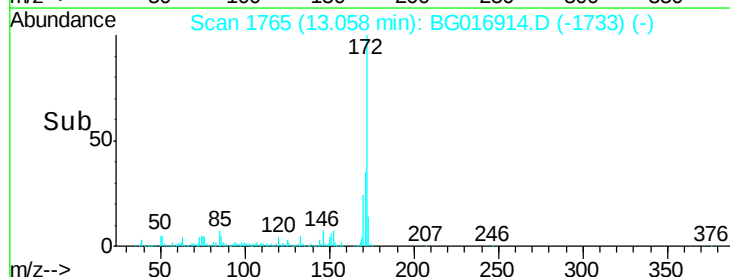
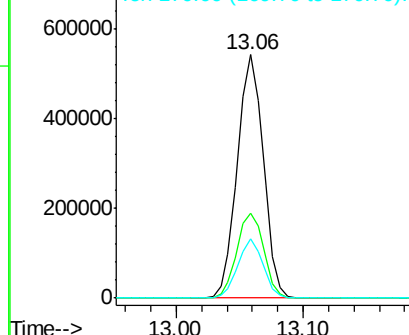
172 100

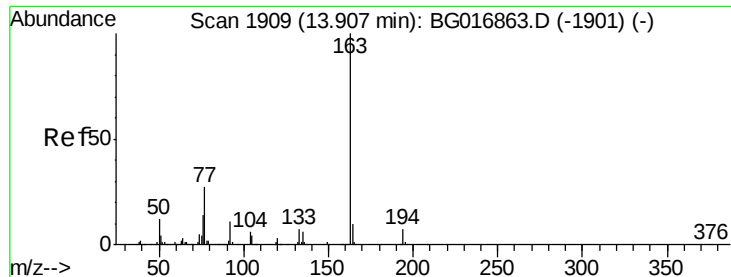
171 34.9 29.0 43.4

170 24.4 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

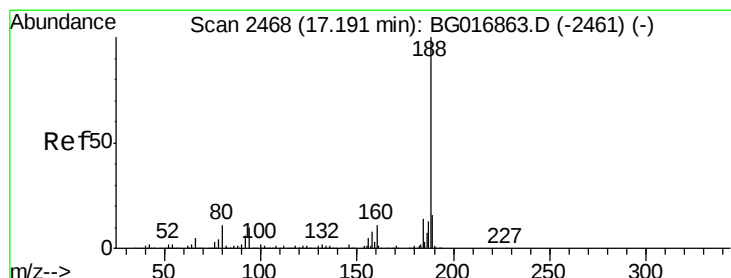
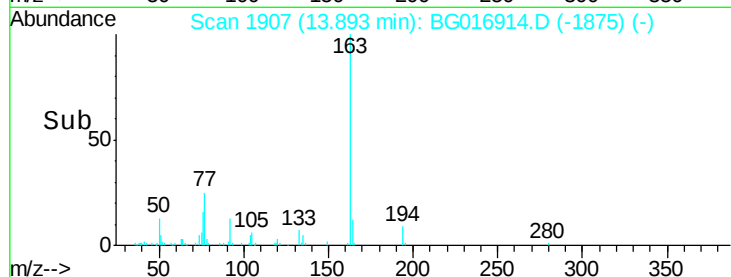
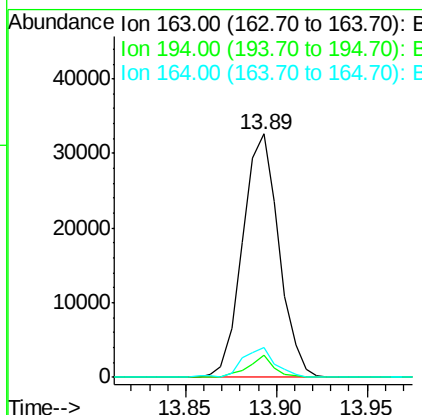
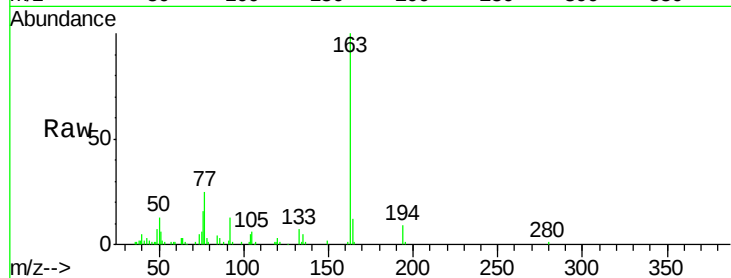




#49
Dimethylphthalate
Concen: 3.28 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016914.D
Acq: 7 May 2015 9:39

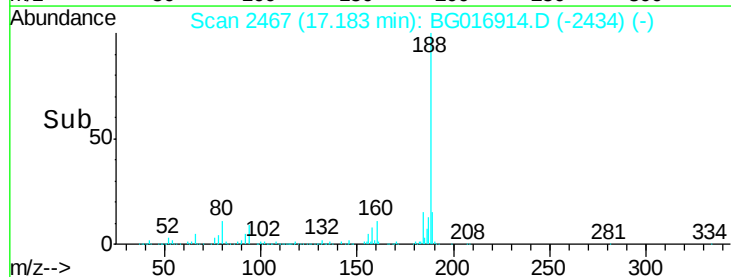
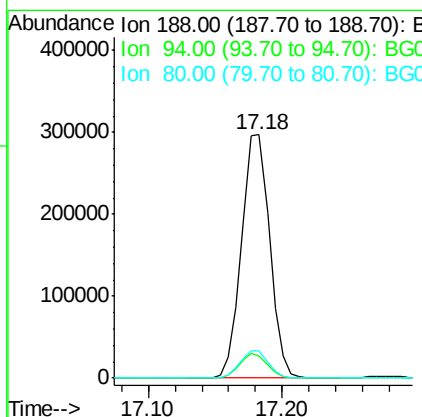
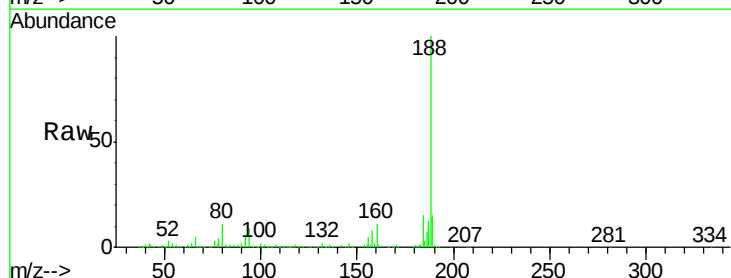
Instrument :
BNA_G
ClientSampleId :
SB-48D

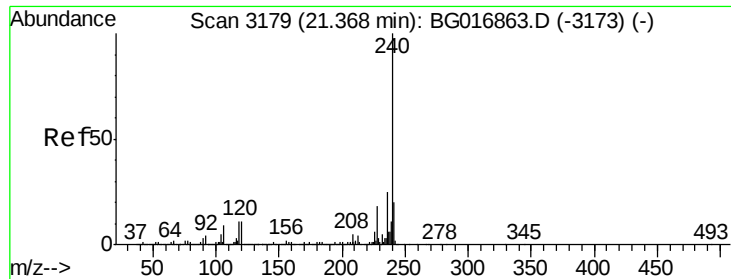
Tot Ion:163 Resp: 45349
Ion Ratio Lower Upper
163 100
194 9.0 5.2 7.8#
164 12.2 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG016914.D
Acq: 7 May 2015 9:39

Tgt Ion:188 Resp: 432721
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 11.0 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG016914.D

Acq: 7 May 2015 9:39

Instrument :

BNA_G

ClientSampleId :

SB-48D

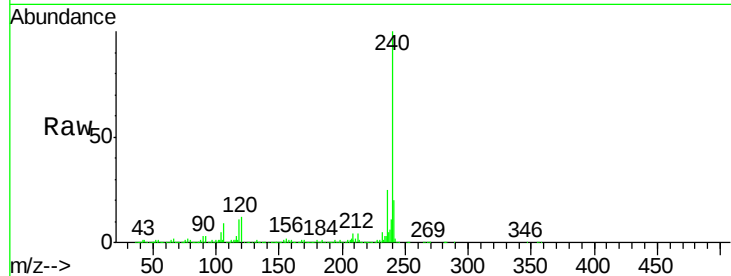
Tot Ion:240 Resp: 437057

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

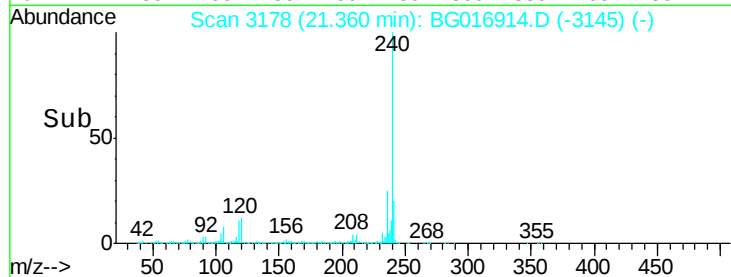
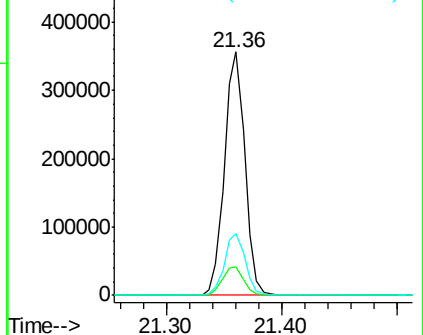
236 25.3 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 60.84 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG016914.D

Acq: 7 May 2015 9:39

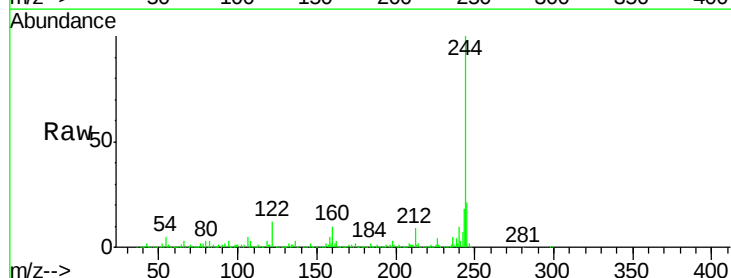
Tgt Ion:244 Resp: 1134359

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

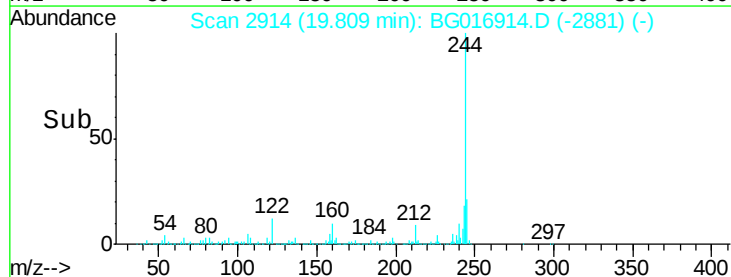
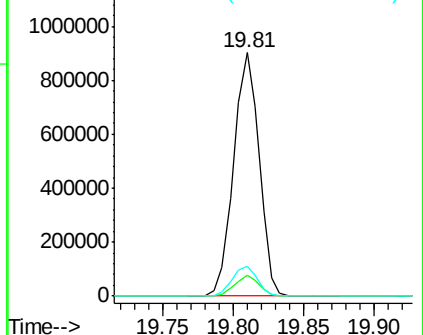
122 12.3 10.4 15.6

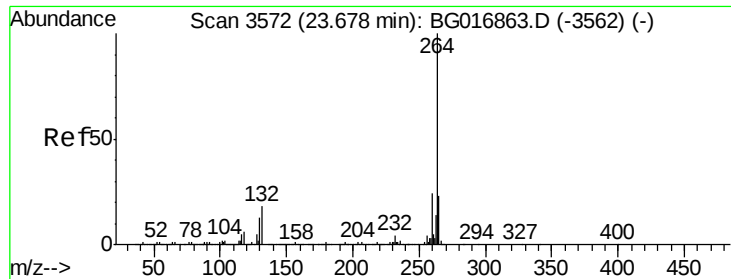


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3570
 Delta R.T. -0.01 min
 Lab File: BG016914.D
 Acq: 7 May 2015 9:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-48D

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.6	18.5	27.7

